

## EAST Search History

Ref #	Hits	Search Query	DBs
L1	1	10/511169	US-PGPUB; USPAT
L2	1948	(carbon with (fiber\$2 or fibrous or fibre\$2)) and (carbon with electrode\$2) and (carbon with paper)	US-PGPUB; USPAT
L3	339	(carbon with (fiber\$2 or fibrous or fibre\$2)) and (carbon with electrode\$2) and (carbon with paper)	EPO; JPO; DERWENT
L5	1134	(2 or 3) and (surface with area)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
L6	162	(2 or 3) and ((surface with area) with ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
L7	386	(carbon same ((surface with area) with ratio)).clm.	US-PGPUB; USPAT
L8	45	(carbon same fib\$4 same ((surface with area) with ratio)).clm.	US-PGPUB; USPAT
L9	737	(2 or 3) and laminat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
L10	56	6 or 9	EPO; JPO; DERWENT
L11	60	6 and 9	US-PGPUB; USPAT; USOCR
L12	783	6 or 9	US-PGPUB; USPAT; USOCR
L13	12	D21H013/50.ipc.	US-PGPUB; USPAT; USOCR
L14	2	D21H13/50	US-PGPUB; USPAT; USOCR
L15	275	D21H13/50	EPO; JPO; DERWENT
L16	108	D21H013/50.ipc.	EPO; JPO; DERWENT
L17	737	H01M004/96.ipc.	US-PGPUB; USPAT; USOCR
L18	1402	H01M004/96.ipc.	EPO; JPO; DERWENT
L19	1536	H01M004/96	EPO; JPO;

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## EAST Search History

			DERWENT
L20	753	H01M004/96	US-PGPUB; USPAT; USOCR
L21	237	H01M4/96	US-PGPUB; USPAT; USOCR
L22	2956	H01M4/96	EPO; JPO; DERWENT
L23	685	(17 or 18 or 19 or 20 or 21 or 22) and (carbon with paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
L24	121	(17 or 18 or 19 or 20 or 21 or 22) and ((surface with area) with ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
L25	50	23 and 24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
L26	1795	((264/29.1) or (264/29.2) or (264/29.3) or (264/29.4) or (264/29.5) or (264/29.6) or (264/29.7)).CCLS.	US-PGPUB; USPAT
L27	238	26 and paper	US-PGPUB; USPAT
L28	379	26 and electrode\$2	US-PGPUB; USPAT
L29	904	"162"/\$.ccls. and (carbon with fib\$4)	US-PGPUB; USPAT
L30	70	"162"/\$.ccls. and (carbon with fib\$4) and electrod\$2	US-PGPUB; USPAT
L31	2848	((429/30) or (429/40-45)).CCLS.	USPAT
L32	5605	((429/30) or (429/40-45)).CCLS.	US-PGPUB; USPAT
L33	394	31 and (carbon with (fiber\$2 or fibrous or fibre\$2)) and paper	USPAT
S8	1	10/511169	US-PGPUB; USPAT
S9	1	("20020175073").PN.	US-PGPUB; USPAT
S10	2	"05044779"	USPAT; JPO; DERWENT
S11	1	("4851304").PN.	USPAT
S12	41	(surface adj area adj ratio) with (fiber or fibers or fibres or fibre or fibrous)	USPAT
S13	627	"162"/\$.ccls. and (carbon with (fiber or fibers or fibre or fibres or fibrous))	USPAT

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S14	230	"162"/\$.ccls. and (carbon with (fiber or fibers or fibre or fibres or fibrous))	US-PGPUB
S15	385	"162"/\$.ccls. and (carbon with (fiber or fibers or fibre or fibres or fibrous))	USOCR
S16	862	(D21F\$8 or D21H\$8 or D21F\$.ipc. or D21H\$.ipc) and (carbon with (fiber or fibers or fibre or fibres or fibrous))	EPO; JPO; DERWENT
S17	377	(D21F\$8 or D21H\$8 or D21F\$.ipc. or D21H\$.ipc) and (carbon with (fiber or fibers or fibre or fibres or fibrous))	USPAT
S18	190	(D21F\$8 or D21H\$8 or D21F\$.ipc. or D21H\$.ipc) and (carbon with (fiber or fibers or fibre or fibres or fibrous))	US-PGPUB
S19	37	"162"/\$.ccls. and (carbon with (fiber or fibers or fibre or fibres or fibrous))	EPO; JPO; DERWENT
S20	25	(D21F\$8 or D21H\$8 or D21F\$.ipc. or D21H\$.ipc) and (carbon with (fiber or fibers or fibre or fibres or fibrous))	USOCR
S21	4	(surface adj area adj ratio) and (S13 or S14 or S15 or S16 or S17 or S18 or S19 or S20)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
S22	24	(surface adj area adj ratio) and (carbon with paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
S23	180	(surface adj area adj ratio) and (carbon with fib\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
S24	53	(surface adj area adj ratio) and (carbon with fib\$5) and (paper or paper\$8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
S25	146	BET with (carbon adj (fiber or fibers or fibre or fibres))	US-PGPUB; USPAT
S26	74	S25 and electro\$4	US-PGPUB; USPAT
S27	28	S25 and electro\$4 and paper	US-PGPUB; USPAT
S28	8	S25 and electro\$4 and web	US-PGPUB; USPAT
S29	1	("4737889").PN.	USPAT
S30	19	(BET and (carbon adj (fiber or fibers or fibre or fibres))).ab.	US-PGPUB; USPAT
S31	1	("5395705").PN.	USPAT
S32	1	"1502992"	EPO
S33	1	("5840438").PN.	USPAT

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## EAST Search History

S34	145	"162"/\$.cls. and ((carbon or carbon-carbon) with (fiber or fibers or fibre or fibres or fibrous or paper)).ab.	USPAT
S35	22	S34 and (fib\$4 with area)	USPAT
S36	1	10/511169	US-PGPUB; USPAT
S37	3093	(carbon adj (fiber\$2 or fibre\$2)) and (polyacrylonitrile or acrylonitrile) and (surface adj area)	US-PGPUB; USPAT
S38	43	(carbon adj (fiber\$2 or fibre\$2)) and (polyacrylonitrile or acrylonitrile) and ((surface adj area) adj ratio)	US-PGPUB; USPAT
S39	2	09/807205	USPAT
S40	2	((("5648027") or ("6881512"))).PN.	USPAT
S41	1	"20020175073"	DERWENT
S42	1	10/511169	US-PGPUB
S43	49	(carbon with (paper or fiber\$2 or fibr\$4) with electrode with laminat\$4)	USPAT
S44	2	(carbon with (paper or fiber\$2 or fibr\$4) with electrode with laminat\$4).ab.	USPAT
S45	14	(carbon with (paper or fiber\$2 or fibr\$4) with electrode with laminat\$4) and (fuel adj cell\$2)	USPAT
S46	815	(429/44).CCLS.	USPAT
S47	2	"08283084"	USPAT; JPO; DERWENT